

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office	ATTY. DOCKET NO. APV31958	SERIAL NO. 10/598,731
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	APPLICANT Paul Alexander DE VRIES	
	FILING DATE September 8, 2006	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		1	9	3	8	1	0	1	12/33	A.E. Hall			
		3	2	1	1	5	4	7	10/65	N. Jarrett et al.			
		3	2	9	6	8	1	1	01/67	F.L. Stoller			
		3	3	0	3	0	1	9	02/67	S.C. Jacobs			
		3	3	0	8	6	6	6	03/67	A.R. Anderson et al.			
		3	6	7	1	2	2	9	06/72	M.E. Ferber et al.			
		3	8	3	9	0	1	9	10/74	Bruno et al.			
		3	8	4	0	3	6	4	10/74	Flemmings et al.			
		4	0	4	3	8	0	2	08/77	Esdaile et al.			
		4	0	5	0	6	8	3	09/77	Langhammer			
		4	0	9	9	9	6	5	07/78	Beguin et al.			
		4	1	3	3	5	1	7	01/79	Esdaile et al.			
		4	2	2	2	8	3	0	09/80	Dawless et al.			
		4	2	3	9	6	0	6	12/80	Dawless et al.			
		4	2	7	3	6	2	7	06/81	Dawless et al.			
		4	3	0	5	7	6	3	12/81	Quist et al.			
		4	4	1	1	7	4	7	10/83	Dawless et al.			
		4	4	5	6	4	8	0	06/84	Wintenberger			
		4	5	8	1	0	6	2	04/86	Boutin			
		4	7	3	6	3	1	4	04/88	Riese et al.			
		4	7	4	4	8	2	3	05/88	Raymond-Seraille			
		4	7	8	1	7	7	1	11/88	Masumoto et al.			
		5	1	6	0	5	3	2	11/92	Benz et al.			
		5	2	2	1	3	7	7	06/93	Hunt, Jr. et al.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	/James Corno Jr/	DATE CONSIDERED	01/13/2009
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EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

~~ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH~~ /J.C./

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		5	3	1	2	4	9	8	05/94	Anderson			
		5	9	6	8	2	2	3	10/99	Eckert			
		6	1	4	3	0	7	0	11/00	Bliss et al.			
		6	2	9	0	9	0	0	09/01	Hatano et al.			
		6	9	7	2	1	1	0	12/05	Chakrabarti et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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		0	0	9	9	9	4	8	02/84	EP				
		0	3	7	5	3	0	8	06/90	EP				
		0	5	8	7	2	7	4	03/94	EP				
		0	8	2	9	5	5	2	03/98	EP				
		7	0	7	0	6	6	6	03/95	JP			X	
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	5	5	0	5	0	4	4	2	04/80	JP			X	
	5	7	1	5	2	4	3	5	09/82	JP			abstract only	
	5	8	1	0	4	1	3	2	06/83	JP			abstract only	
	5	9	0	2	8	5	3	8	02/84	JP			abstract only	
	6	0	2	3	4	9	3	0	11/85	JP			X	
		4	3	2	5	7	9	3	02/95	DE			Mach. Trans and Abstract	
		1	5	8	9	1	7	3	08/90	SU			abstract only	

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													YES	NO
	0	6	1	5	5	9	0	01/49	GB					
	1	3	5	2	5	6	7	05/74	GB					
	2	1	5	4	3	1	5	09/85	GB					
	2	1	0	5	0	8	4	02/98	RU				abstract only	
	1	5	9	4	1	5	4	06/70	FR					X
	0	2	5	8	2	8	3	07/88	DD				Mach. Trans of Abstract	
	0	2	0	5	2	0	5	3	07/02	WO				
	2005	0	9	5	6	5	8	10/05	WO					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	US Published Patent Appln. No. 2001/0031823 A1, (Appln. No. 09/728,706), Atchetee et al., Filed December 1, 2000, Published October 18, 2001.
	US Published Patent Appln No. 2005/0039578 A1, (Appln. 10/491,278), De Vries, Filed October 2, 2002, Published February 24, 2005.
	US Published Patent Appln No. 2006/0162491 A1, (Appln. 10/516,889), De Vries et al., Filed June 27, 2003, Published July 27, 2006.
	US Published Patent Appln No. 2005/0178239 A1, (Appln. 10/516,888), De Vries et al., Filed June 27, 2003, Published August 18, 2005.
	US Published Patent Appln No. 2007/0272057 A1, (Appln. 10/577,354), De Vries et al., Filed November 10, 2004, Published November 29, 2007.
	US Published Patent Appln No. 2007/0023110 A1, (Appln. 11/492,226), July 25, 2006, Published February 1, 2007.
	US Published Patent Appln. No. 2004/0261572 A1, (Appln. No. 10/488,042), De Vries, Filed Aug. 30, 2002, Published December 30, 2004.
	Perry's Chemical Engineers' Handbook, 7 th ed., McGraw-Hill, 1997, pp. 18-5 to 18-13.
	US Published Patent Appln. No. 2002/0121319 A1, (Appln. No. 09/971,456), Chakrabarti et al., Filed October 4, 2001, Published September 5, 2002.

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